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PTO/SB/05 (03-01)

Approved for use through 10/31/2002 OMB 0551-0032

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**  
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	4727
First Inventor	Richard T. Reel
Title	MANIPULATION OF ANALYTES USING ELECTRIC FIELDS
Express Mail Label No.	EL 782 732 940 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 21]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [Total Sheets 4]
5. Oath or Declaration [Total Pages 2]
  - a.  Unexecuted
  - b.  Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 18 completed)
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76.

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Copy (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 C.F.R. §3.73(b) Statement  Power of Attorney  
(when there is an assignee)
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15.  Certified copy of Priority Document(s) (if foreign priority is claimed)
16.  Certified Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

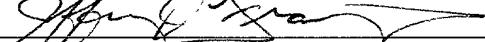
 Continuation  Divisional  Continuation-in-part (CIP) of prior application No. \_\_\_\_\_ / \_\_\_\_\_ filed \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a reference is inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	22896 (Insert Customer No. or Attach bar code label here)			<input type="checkbox"/> or <input type="checkbox"/> Correspondence address below
Name	Jeffery D. Frazier			
Address	Applied Biosystems 850 Lincoln Centre Drive			
City	Foster City	State	California	Zip Code
Country	US	Telephone	650-570-6667	Fax
				94404 650-638-6677

Name (Print/Type)	Jeffery D. Frazier	Registration No. (Attorney/Agent)	34,601
Signature			Date
			Aug. 24, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box 28040\_1

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# FEE TRANSMITTAL for FY 2001

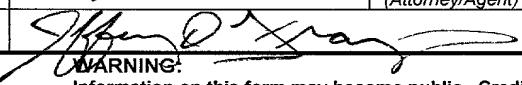
Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 1280

Complete if Known	
Application Number	To be assigned
Filing Date	August 24, 2001 (herewith)
First Named Inventor	Richard T. Reel
Examiner Name	To be assigned
Group Art Unit	To be assigned

Attorney Docket No 4727

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																																					
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to: Deposit Account Number 01-2213 Deposit Account Name Applied Biosystems  <input checked="" type="checkbox"/> Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		<b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> </tr> </thead> <tbody> <tr> <td>Fee Code (\$)</td> <td>Fee Code (\$)</td> </tr> <tr> <td>105</td> <td>130</td> </tr> <tr> <td>205</td> <td>65</td> </tr> <tr> <td colspan="2">Fee Description</td> </tr> <tr> <td colspan="2">Surcharge – late filing fee or oath</td> </tr> <tr> <td>127</td> <td>50</td> </tr> <tr> <td>227</td> <td>25</td> </tr> <tr> <td colspan="2">Surcharge – late provisional filing fee or cover sheet.</td> </tr> <tr> <td>139</td> <td>130</td> </tr> <tr> <td>139</td> <td>130</td> </tr> <tr> <td colspan="2">Non-English specification</td> </tr> <tr> <td>147</td> <td>2520</td> </tr> <tr> <td>147</td> <td>147</td> </tr> <tr> <td colspan="2">For filing a request for ex parte reexamination</td> </tr> <tr> <td>112</td> <td>920*</td> </tr> <tr> <td>112</td> <td>112</td> </tr> <tr> <td colspan="2">Requesting publication of SIR prior to Examiner action</td> </tr> <tr> <td>113</td> 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action		115	110	215	55	Extension for reply within first month		116	390	216	195	Extension for reply within second month		117	890	217	445	Extension for reply within third month		118	1390	218	695	Extension for reply within fourth month		128	1890	228	945	Extension for reply within fifth month		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1510	138	138	Petition to institute a public use proceeding		140	110	240	55	Petition to revive – unavoidable		141	1240	241	620	Petition to revive – unintentional		142	1240	242	620	Utility issue fee (or reissue)		143	440	243	220	Design issue fee		144	600	244	300	Plant issue fee		122	130	122	122	Petitions to the Commissioner		123	50	123	123	Petitions related to provisional applications		126	180	126	126	Submission of Information Disclosure Stmt		581	40	581	581	Recording each patent assignment per property (times number of properties)		146	710	146	246	Filing a submission 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SUBMITTED BY				Complete (if applicable)	
Name (Print/Type)	Jeffery D. Frazier	Registration No. (Attorney/Agent)	34,601	Telephone	650-638-6722
Signature				Date	Aug. 24, 2001

## WARNING:

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